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Compd #	MOLSTRUCTURE
1	H ₂ N H O O OH NH ₂ NH ₂
2	H ₃ C
3	H_3C CH_3
4	NH NH ₂ NH NH ₂
5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
6	O CH NH NH2
7	H_2N O

FIG. 1A

Compd #	MOLSTRUCTURE
8	H ₂ N
9	O-CH ₃ HN NH ₂
10	H ₃ C NH NH ₂
11	H ₂ N H ₂ N H ₃ NH NH
12	H ₂ N NH O CH ₃ O NH NH O CH ₃ O NH O NH O CH ₃ O CH ₃ O NH O CH ₃ O CH
13 ,	CH ₃ O NH O CH ₃
14	H ₂ N NH OH

FIG. 1B

Compd # MOLSTRUCTURE	20 CH3 NH O O OH CH THN O S OH O OH O OH O OH O OH O OH O OH	21 H ₃ C-NH O CH ₃ O NH N ₃ C-NH N ₃ C-NH O CH ₃ O NH O CH ₃	22 H ₃ C C C C C C C C C C C C C C C C C C C	23 O H O HIP		10
Compd # MOLSTRUCTURE	15 H ₃ C CH ₃ 0 S S = 0 H NH ₂ NH 15 H ₃ C CH ₃ H NH ₂ NH 15 H ₃ C CH ₃ H NH 10	16 H ₃ C CH ₃ CH	17 NH CH3 O	HN H	19 H ₃ N	FIG

FIG. 2A

6/12 50 60 20 30 GTTGTTGGGGGCACGGATGCGGATGAGGGCGAGTGGCCCTGGCAGGTAAGCCTGCATGCT CAACAACCCCGTGCCTACGCCTACTCCCGCTCACCGGGACCGTCCATTCGGACGTACGA V V G G T D A D E G E H P W Q V S L H A> 100 110 120 70 80 90 L G O G H I C G A S L I S P N W L V S A> 140 150 160 130 170 180 GCACACTGCTACATCGATGACAGAGGATTCAGGTACTCAGACCCCACGCAGTGGACGGCC CGTGTGACGATGTAGCTACTGTCTCCTAAGTCCATGAGTCTGGGGTGCGTCACCTGCCGG A H C Y I D D R G F R Y S D P T Q W T A> 210 220 230 190 200 240 TTCCTGGGCTTGCACGACCAGAGCCAGCGCAGCGCCCCTGGGGTGCAGGAGCGCAGGCTC AAGGACCCGAACGTGCTGGTCTCGGTCGCGTCGCGGGGACCCCACGTCCTCGCGTCCGAG F L G L H D Q S Q R S A P G V Q E R R L> 280 290 300 250 260 270 AAGCGCATCATCTCCCACCCCTTCTTCAATGACTTCACCTTCGACTATGACATCGCGCTG TTCGCGTAGTAGAGGGTGGGGAAGAAGTTACTGAAGTGGAAGCTGATACTGTAGCGCGAC KRIISHPFFNDFTFDYDIAL> 350 310 320 330 340 360

FIG. 3A

GACCTCGACCTCTTTGGCCGTCTCATGTCGAGGTACCACGCCGGGTAGACGACGGCCTG

LELEKPAEYSSMVRPICLPD>

		370)		3	80			390	112		40	0		4	10			420
GCCT	CCC	CATG	TC	rTC	CCT	GCC	GGC	AAG	GCC.	ATC	TGG	GTC	ACG	GGC	TGG	GGA	CAC	ACC	CAG
CGGAGGGTACAGAAGGGACGGCCGTTCCGGTAGACCCAGTGCCCGACCCCTGTGTGGGTC																			
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TATG	GAG	GCA	CTO	GGC	GCG	CTG	ATC	CTG	CAA.	AAG	GGT	GAG	ATC	CGC	GTC.	ATC	AAC	CAG	ACC
ATAC	CTC	CCGT	'GA(CCG	CGC	GAC	TAG	GAC	GTT	TTC	CCA	CTC	TAG	GCG	CAG	TAG	TTG	GTC	TGG
Y	G	G	T	G	A	L	Ι	L	Q	K	G	E	Ι	R	V	Ι	N	Q	T>
		490)		5	00			510			52	0		5	30			540
ACCT	GCG	SAGA	AC(CTC	CTG	CCG	CAG	CAG	ATC.	ACG	CCG	CGC	ATG	ATG	TGC	GTG	GGC	TTC	CTC
TGGA	CGC	CTCT	'TG	GAG	GAC	GGC	GTC	GTC	TAG	TGC	GGC	GCG	TAC	TAC	ACG	CAC	CCG	AAG	GAG
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AGCG																			
TCGC	CGC	CGC	AC	CTG	AGG.	ACG	GTC	CCA	.CTA.	AGG	CCC	ССТ	GGG	GAC	AGG'	TCG	CAC	СТС	CGC
TCGC																			
TCGC	CGC G	G G 610	V	D	AGG. S	ACG C 20	GTC Q	CCA G	CTA. D	AGG S	CCC G	CCT G 64	GGG P 0	GAC L	AGG' S 6	TCG S 50	CAC V	CTC E	CGC A>
TCGC	CGC G	G G 610	V	D	AGG. S	ACG C 20	GTC Q	CCA G	CTA. D	AGG S	CCC G	CCT G 64	GGG P 0	GAC L	AGG' S 6	TCG S 50	CAC V	CTC E	CGC A>
TCGC	CGC G	G G 610 CGGA	V V	D D TTC	AGG S 6 CAG	ACG C 20 GCC	GTC Q GGT	CCA G GTG	D 630 GTG	AGG S AGC	CCC G TGG	CCT G 64 GGA	GGG P 0 GAC	GAC L GGC	AGG S 6 TGC	TCG S 50 GCT	CAC V CAG	CTC E AGG	CGC A> 660 AAC
TCGC S GATG	CGC G	G G 610 CGGA	V V	D D TTC	AGG S 6 CAG	ACG C 20 GCC CGG	GTC Q GGT CCA	CCA G GTG	D 630 GTG	AGG S AGC TCG	CCC G TGG	CCT G 64 GGA CCT	GGG P 0 GAC	GAC L GGC CCG	AGG S 6 TGC	TCG S 50 GCT CGA	CAC V CAG	CTC E AGG	CGC A> 660 AAC
TCGC S GATG	ccc G GGC	G G 610 GGGA GCCT	V V TC:	D D TTC	S 6 CAG	ACG C 20 GCC CGG	GTC Q GGT CCA	CCA G GTG CAC V	D 630 GTG	AGG S AGC TCG S	CCC G TGG	CCT G 64 GGA CCT	GGG P 0 GAC CTG	GAC L GGC CCG	AGG S 6 TGC ACG	TCG S 50 GCT CGA	CAC V CAG GTC	CTC E AGG TCC	CGC A> 660 AAC TTG
TCGC S GATG	ccc G GGC CCG	GCGGC G 610 GCGGA GCCT R 670	V V ATC:	D FTCO AAGO F	AGG. S 6 CAG	ACG C 20 GCC CGG A	GTC Q GGT CCA G	CCA G GTG CAC	CTA. D 630 GTG. CAC. V 690	AGG S AGC TCG S	CCC G TTGG ACC	G 64 GGA CCT G	GGG P 0 GAC CTG D	GAC L GGC CCG G	AGG S 6 TGC ACG C	S 50 GCT CGA A	CAC V CAG GTC Q	CTC E AGG TCC R	CGC A> 660 AAC TTG N> 720
TCGC S GATG CTAC	CGC G GGC CCG G	GCGC G 610 CGGA GCCT R 670 GGCG	V V NTCTAGA	D TTCO AAGO F	S 6 CAG	ACG C 20 GCC CGG A	GTC Q GGT CCA G	GTG CAC	D 630 GTG CAC V 690 CTG	AGG S AGC TCG S	GCCC G TGG ACCC W	G 64 GGA CCT G 70 GAC	GGGGP P O GAC CTG D TGG	GAC L GGC CCG G	AGG S 6 TGC ACG C 7	S 50 GCT CGA A 10 GAG	CAC V CAG GTC Q	CTC E AGG TCC R	CGC A> 660 AAC TTG N> 720 GGG

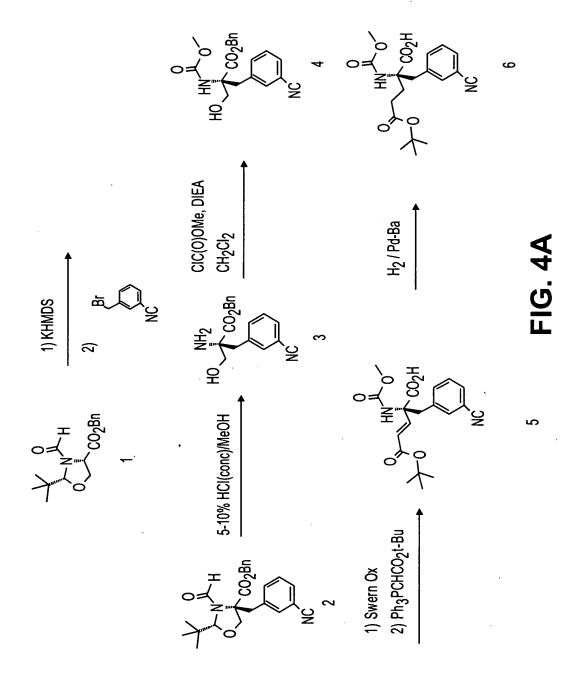
FIG. 3B

GTATAG

CATATC

V *>

FIG. 3C



Compound Structure	Compound Structure
A HN NH2 H ₂ N ···· NH O OH NH NH NH NH NH NH NH NH NH	B HN NH2
C NH HN NH2 H ₃ C O NH2 NH2 NH2 NH2 NH2	HO HONNHO NHO NHO NHO NHO NHO NHO NHO NH
E CH3 O NH2 HN NH2 NH2	F HO TO CH3 NH2 HO TO CH3 NH2
HO N N N N N N N N N N N N N N N N N N N	·

FIG. 5A

Compound	Structure	Compound	Structure
H HO 7	CH3 HN NH2 N NH2 N NH2	HO	0-CH ₃ 0 0 N NH ₂ NH ₂ 0
J 0	> <u> </u>	K HO TO CO	H ₃ C HN NH ₂ NH ₂
	H ₃ C CH ₃ HN NH ₂	M HO Y HN NH	HN NH2 N N N N N N N N N N N N N N N N N N N

FIG. 5B